

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 57085273  
PUBLICATION DATE : 27-05-82

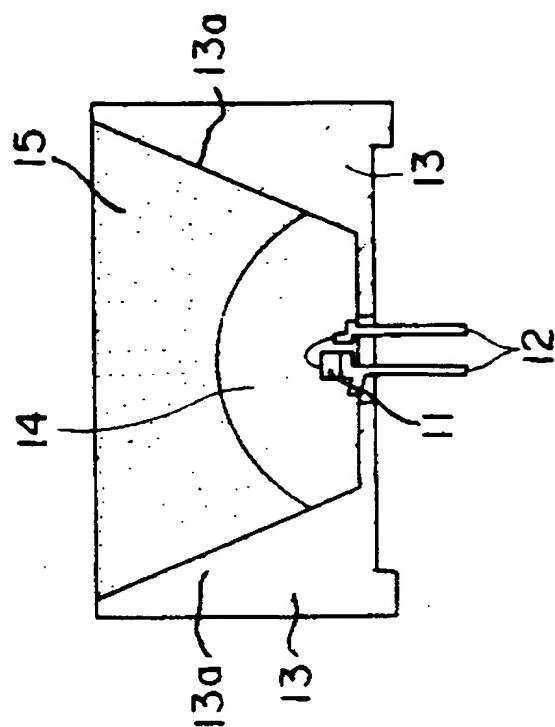
APPLICATION DATE : 17-11-80  
APPLICATION NUMBER : 55161665

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INT.CL. : H01L 33/00

TITLE : PHOTO-SEMICONDUCTOR DEVICE



ABSTRACT : PURPOSE: To decrease luminous loss, and to uniformize the brightness of a display surface by forming a resin layer in a reflector by resin for shaping the display surface and resin having excellent transmittance and forming the boundary surface in a curved surface shape.

CONSTITUTION: A light-emitting element 11 is connected electrically to a frame 12, and the transmitting resin 14 having excellent light transmittance is solidified spherically and the display surface is formed by the scattering resin 15 having scattering power in the reflector 13. Accordingly, the display surface having excellent uniformity is obtained because the resin is spherical. And luminous loss is decreased because there is the resin 15 between the element 11 and the display surface.

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